ALGORITHM

• Step-1 :- START  
• Step-2 :- Create a class named as banner.

• Step-3 :- Create a method named as main. In this function, create a variable named as n to store the value of the numbers of team participating. Create an array of type String named as teams of size n, create another variable of type int named as highLen and initialize it to 0. Now using the for loop take the input of the names of the teams and store it in the array teams, after each input check if the length of the input is greater than the value of highLen if yes then update the value of highLen to the length of the input. Now create a nested for loop and within which compare the variable of loop 1 with len (which stores the length of the string at the current index), if true print a blank line else print the letter of the string at the current index. Repeat the process until the loop ends.

• Step-4 :- END

VD TABLE

|  |  |  |  |
| --- | --- | --- | --- |
| Sr. No. | Variable | Data Type | Description |
| 1 | n | int | To store the value of the numbers of team  participating.  To store the names of the teams.  To store the length of the longest string.  To store the length of the string at the current index.  Used in for-loop  Used in for-loop |
| 2 | teams | String[] |
| 3 | highLen | int |
| 4 | len | int |
| 5  6 | i  j | int  int |

OUTPUT

